In the claims

The following amendments are made with respect to the claims in the international application PCT/GB03/01029.

This listing of claims will replace all prior versions and listings of claims in this application.

1 (currently amended). A Baculovirus of which the capsid has been modified to display one or more heterologous peptides.

2 (currently amended). The Baculovirus according to claim 1, wherein vp39, p24 or p80 is modified.

3 (currently amended). The Baculovirus according to claim 2, wherein vp39 is modified.

4 (currently amended). The Baculovirus according to claim 3, wherein vp39 is modified with a fusion protein at the N- and/or C-terminus.

5 (currently amended). The Baculovirus according to ~~any preceding~~ claim 1, wherein the modification allows nuclear or subcellular targeting.

6 (currently amended). A Baculovirus vector of which the genome has been modified to express one or more heterologous peptides in its capsid~~, as defined in any preceding claim~~.

7 (currently amended). The Baculovirus according to claim 6, wherein the baculovirus vector contains at least 3 genes.

8 (currently amended). The Baculovirus according to claim 6 ~~or claim 7~~, wherein one or more heterologous genes are at least 10kb long.

9 (currently amended). The Baculovirus according to ~~any of the claims 6 to 8~~,claim 6, comprising a human gene ~~wherein the genes are human genes~~.

10 (currently amended). ~~Use of baculovirus according to any preceding claim, for the delivery of~~ A method for delivering a peptide into the nucleus of ~~another cell~~ a cell wherein said method comprises contacting the cell with;

(i) a Baculovirus of which the capsid has been modified to display one or more heterologous peptides, or

(ii) a Baculovirus of which the genome has been modified to express one or more heterologous peptides in its capsid.

11 (currently amended). ~~Use~~ The method according to claim 10, wherein the ~~another~~ cell is an insect cell.

12 (currently amended). ~~Use~~ The method according to claim 10, wherein the ~~another~~ cell is a mammalian cell.

13 (currently amended). ~~Use~~ The method according to claim 10, wherein the ~~another~~ cell is *E. coli.*

14 (currently amended). A method for selecting a target gene, which comprises the steps of:

(i.) generating a library of genes or genomic fragments cloned in a Baculovirus vector~~according to any of claims 1 to 9~~;

(ii.) transforming a host cell with ~~a~~ the Baculovirus vector; and

(iii.) detecting gene expression under predetermined conditions.

15 (currently amended). ~~A~~ The method according to claim 14, wherein the predetermined conditions comprise a set of different conditions under which expression of the target gene may or may not be detected.

16 (currently amended). ~~A~~ The method according to claim 15, wherein the different conditions comprise limiting dilution.

17 (currently amended). ~~A~~ The method according to claim 14~~ to 16~~, wherein step (iii) comprises indentification of a phenotype.

18 (currently amended). ~~A~~ The method according to ~~any of claims 14 to 17~~ claim 14, wherein step (iii) is repeated following selection of one or some of the products of the predetermined conditions.

19 (currently amended). ~~A~~ The method according to ~~any claims 14 to 18~~ claim 14, which additionally comprises characterizing the gene expressed under the predetermined conditions.